

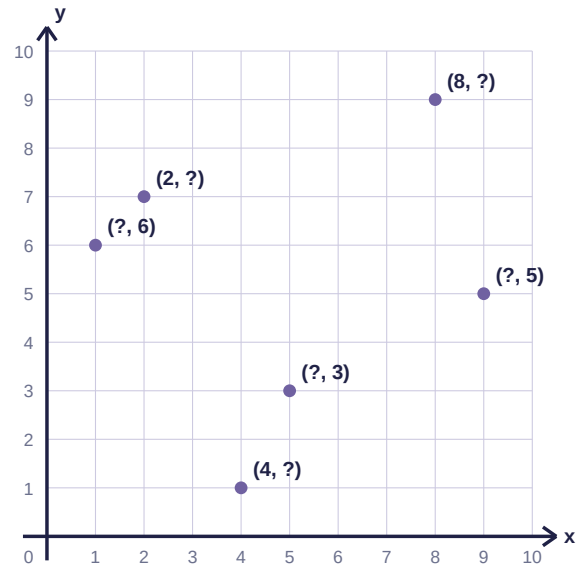
Graph Ordered Pairs on a Coordinate Plane

Grade 5 | Ordered pairs on a coordinate plane (first quadrant) | worksheetgalaxy.com

Name: _____ Date: _____

1. Use the grid to complete each ordered pair.

- a) $(2, ?) =$ _____
- b) $(?, 3) =$ _____
- c) $(8, ?) =$ _____
- d) $(4, ?) =$ _____
- e) $(?, 5) =$ _____
- f) $(?, 6) =$ _____



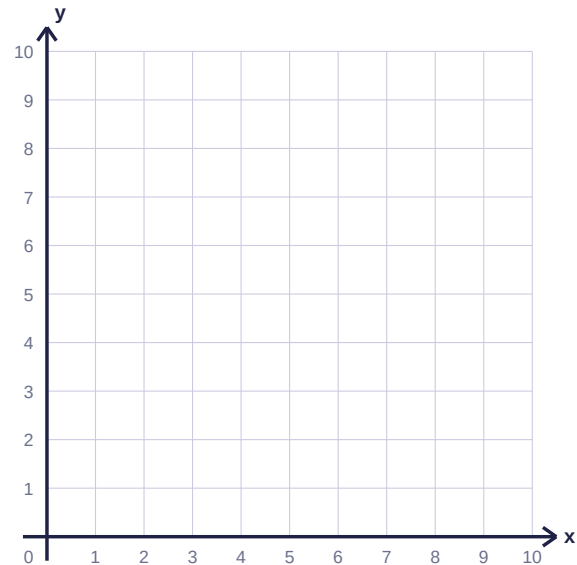
2. Write the ordered pairs from each table, then plot them on the grid.

Bags of apples, x	1	2	3	4
Apples, y	2	4	6	8

Ordered pairs: _____

Hours worked, x	0	2	4	6
Dollars, y	0	3	6	9

Ordered pairs: _____



3. Priya says that the point $(3, 7)$ is in the same place as the point $(7, 3)$. Is she right? Explain your answer.

Explain:

Graph Ordered Pairs on a Coordinate Plane — ANSWER KEY

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1. Completed ordered pairs

a) $(2, ?) = (2, 7)$

b) $(?, 3) = (5, 3)$

c) $(8, ?) = (8, 9)$

d) $(4, ?) = (4, 1)$

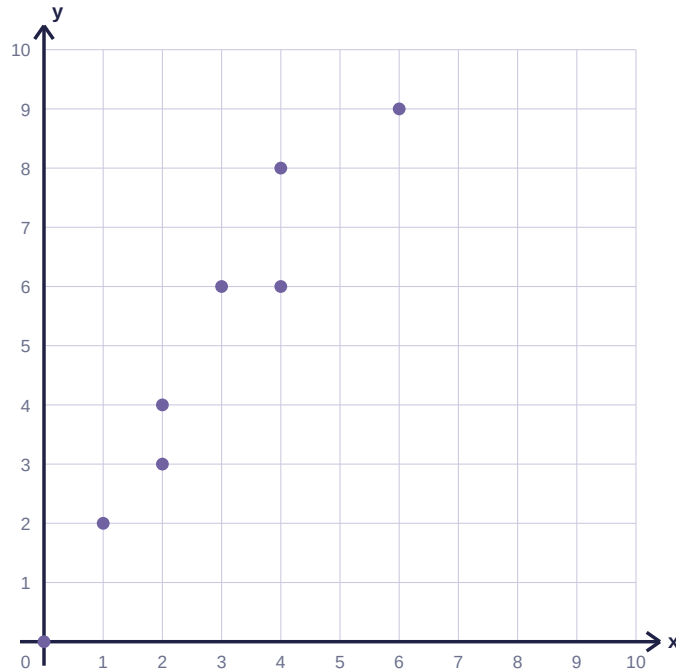
e) $(?, 5) = (9, 5)$

f) $(?, 6) = (1, 6)$

2. Ordered pairs from the tables

Bags of apples / Apples: $(1, 2)$, $(2, 4)$, $(3, 6)$, $(4, 8)$

Hours worked / Dollars: $(0, 0)$, $(2, 3)$, $(4, 6)$, $(6, 9)$



3.

No. Priya is wrong. In an ordered pair the first number is the x-coordinate and the second is the y-coordinate, so the order matters. $(3, 7)$ means 3 right and 7 up, while $(7, 3)$ means 7 right and 3 up — two different places on the grid. They are only the same point when the two numbers are equal, as in $(4, 4)$.